

# FILE NOTATIONS

Entered in NID File .....✓  
Location Map Pinned .....  
Card Indexed .....✓

Checked by Chief .....  
Approval Letter .....✓  
Disapproval Letter .....

## COMPLETION DATA:

Location Inspected

..... PA.....

State or Fee Land .....

## LOGS FILED

Driller's Log.....

Electric Logs (No.) *No logs run*

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

BLoc..... CCLoc..... Others .....

\* Charles L. Hunt called 8-22-78, well has not been drilled,  
rig was moved on site 8-22-78, drilling will start  
in August, will send Sunday's Notices.

10-31-78 - Temporarily Abandoned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Cordillera Corp.

## 3. ADDRESS OF OPERATOR

2334 E. 3rd Ave., Denver, CO 80206

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

2331' FNL 2088' FEL Sec. 20

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

53 miles west of Price, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

2088'

## 16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

640

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

6000'

## 19. PROPOSED DEPTH

7000'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

9943' Gr.

## 22. APPROX. DATE WORK WILL START\*

August 15, 1977

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/8"	10 3/4	32	300'	300 SX
9 1"	7 5/8	26	3000'	600 SX
6 3/4"	4 1/2	10.5	6000'	300 SX

- 1) Drill rotary hole to 3000' with air and foam mist.
- 2) Drill to 6000' with mud of good quality.
- 3) Evaluate ferron sand and Dakota sand with DST and electric logs.
- 4) If productive, 4 1/2" CSG set at base of zone and cemented.
- 5) If non-productive well will be abandoned according to Stated and Federal regulations.

APPROVED BY THE DIVISION OF  
OIL, GAS, AND MINING

DATE: 7-27-77

BY: Allen Thomas

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Allen Thomas

TITLE Agent

DATE 7-21-77

(This space for Federal or State office use)

PERMIT NO.

43-015-30053

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# SHEPLER & THOMAS

OIL & GAS CONSULTANTS

P.O. Box 2164 Evergreen, Colorado 80439

303/674-3503

July 21, 1977

State of Utah  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Attention: Mr. C. B. Feight, Director

Gentlemen:

Enclosed please find three copies of Application to  
Drill:

Cordillera Corp.  
Clear Creek Unit #7  
SW NE Sec. 20 - 14S - 7E  
Emery County, Utah

Contact the following for questions regarding this  
application:

Allen Thomas  
James Shepler

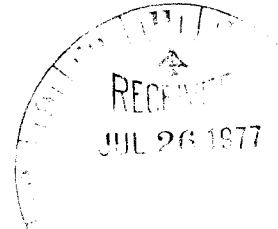
(303) 674-3503

Best regards,



Allen Thomas

AT/mk  
Enclosure



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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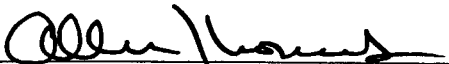
State of Utah, Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

## NOTICE OF APPROVAL

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24.

SIGNED



TITLE Agent

DATE

2-21-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY



TITLE

ACTING DISTRICT ENGINEER

DATE

AUG 11 1978

CONDITIONS OF APPROVAL, IF ANY:

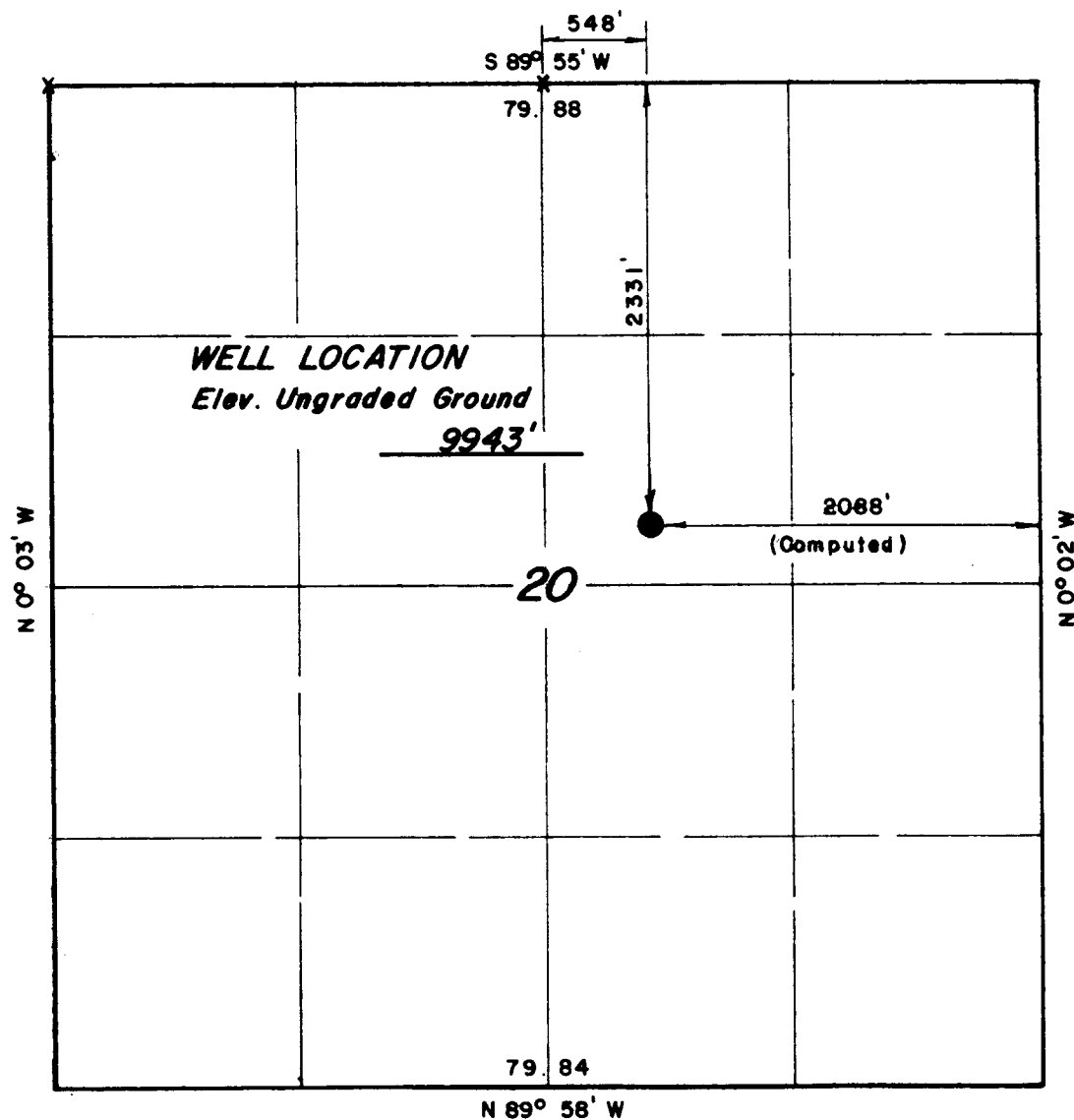
CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY  
\*See Instructions On Reverse SideNECESSARY FLARING OF GAS DURING  
DRILLING AND COMPLETION APPROVED  
SUBJECT TO ROYALTY (NTL-4)

**T 14 S, R 7 E, S.L.B.&M.**

PROJECT

**CORDILLERA CORPORATION**

Well location located as shown in the  
SW 1/4 NE 1/4 Section 20, T 14 S, R 7 E,  
S.L.B. & M. Emery County, Utah.



X 1/2 Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Gene Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 7 / 12 / 77
PARTY G.S. M.S.	REFERENCES GLO Plat
WEATHER Hot & Dry	FILE CORDILLERA CORP.

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
Cordillera Corp. # 17	2331' FNL, 2088' FEL, Sec. 20, T14S R7E, SLM, Emery Co., Utah GREL 9943'	U-02353
<p>1. Stratigraphy and Potential Oil and Gas Horizons. <i>The surface rocks are of the Blackhawk Formation a chief producer of coal. Inneco Oil well #1, Sec. 17 same twsp, report the following tops: Ferron-5820, Kaibab-13,956, White Rim-14,210, Dakota-648, Buckhorn-7390, Morrison-7464, Salt Wash-7847, Summerville-8233, Curtis-8820, Entrada-9030, Carmel-10167, Navajo-11,040, Kayenta-11505, Wingate-11,554', Chinle-11,976, Mossback-12,254, Moenkopi-12346, Sinbad-13280. T.D. 15,703'.</i></p> <p>2. Fresh Water Sands. <i>See WRD report on page 2.</i></p> <p>3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) <i>within lands prospectively valuable for coal. Coal beds occur in the Blackhawk Formation.</i></p> <p>4. Possible Lost Circulation Zones. <i>unknown.</i></p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. <i>unknown.</i></p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. <i>Unknown.</i></p> <p>7. Competency of Beds at Proposed Casing Setting Points. <i>Probably competent.</i></p> <p>8. Additional Logs or Samples Needed. <i>Logs to indicate coal beds in the Blackhawk &amp; other intervals.</i></p> <p>9. References and Remarks <i>Within Clear Creek N. P. S.</i></p>		
Date: JUL 27 1977	Signed: <i>emp</i>	

Depths of fresh-water zones:

Davis Oil Co., Goodwin Federal #1, Wildcat

1,980' fnl, 660' fel, sec. 28, T.14 S., R.9 E., Carbon Co., Utah

Elev. 6,400 ft (topo. map). Proposed depth 3,000 ft.

<u>Stratigraphic units</u>	<u>Tops, approx.</u>	<u>Quality of water</u>
Blue Gate Shale Member	surface	useable/saline
Garley Sandstone Member	(not known	saline
Tununk Shale Member	accurately	saline/brine
Cedar Mountain Shale	in this area)	brine

Discontinuous sandstone units within the Blue Gate Shale Member may yield useable water from depths of less than about 500 feet. Deeper aquifers contain saline water or brine.

USGS - WRD  
10-21-53



Lease No.: U092353; Well Name and No.:                     ;  
Location: SW 1/4 NE 1/4 Sec. 20, T. 14 S. ~~XX~~, R. 7 E. ~~XX~~

CORDILLERA CORPORATION Oil Company intends to drill a well <sup>requiring access over</sup> ~~on~~ surface owned by MILTON A. OMAN. The lessee/operator agrees to complete the following rehabilitation work if the well is a producer:

☒ Yes ☐ No Maintain access road and provide adequate drainage to road.

N/A ☐ Yes ☐ No Reshape and reseed any area in excess of the pump and support facilities.

Other requirements: Access road will only be used during drilling and completion operations. If the well is completed as a producer, an alternate route will be used.

The following work will be completed when the well is abandoned:

N/A ☐ Yes ☐ No Site will require reshaping to conform to existing topography.

N/A ☐ Yes ☐ No Pit will be fenced until dry, then filled to conform to topography.

N/A ☐ Yes ☐ No Entire disturbed area will be reseeded. If yes, the following seed mixture will be used:

☒ Yes ☐ No Access road will be rehabilitated and reseeded ~~using the same seed mixture as above~~ as per mutual agreement of surface owner and operator.

☒ Yes ☐ No Access road will remain for landowner's use.

Other requirements: Operator will keep entry and exit gates to access road over Oman land's locked at all times.

Landowner Milton A. Oman  
Name: MR. MILTON A. OMAN  
Address: 500 American Savings Building  
City: Salt Lake City  
State: Utah  
Telephone: 531-8300  
Date: August 4, 1978

Operator/Lessee Milton A. Oman  
Name: CORDILLERA CORPORATION  
Address: 2334 East 3rd Avenue  
City: Littleton  
State: Colorado  
Telephone: 303-355-3535  
Date: August 4, 1978

☒ Yes ☐ No I certify rehabilitation has been discussed with the surface owner.

This agreement covers rehabilitation requirements only and does not affect any other agreements between the lessee/operator and surface owner.

LEASE U-02353DATE 9-7-77WELL NO. 17LOCATION: SW 1/4 NE 1/4, SEC. 20, T. 14S, R. 7EFIELD CLEAR CREEK COUNTY EMERY STATE UTAHENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-BI. PROPOSED ACTIONCORDILLERA CORP.

PROPOSES TO DRILL AN OIL AND

(COMPANY)  
GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 7000 FT. TD. 2) TO CONSTRUCT ADRILL PAD 150 FT. X 250 FT. AND A RESERVE PIT 10 FT. X 40 FT.

3) TO CONSTRUCT \_\_\_\_\_ FT. WIDE X \_\_\_\_\_ MILES ACCESS ROAD AND UPGRADE

\_\_\_\_\_ FT. WIDE X \_\_\_\_\_ MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO CONSTRUCT☒ GAS ☐ OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PADAND ☐ TRUCK ☒ TRANSPORT THE PRODUCTION THROUGH A PIPELINE TO A TIE-IN INSECTION 20, T. 14S, R. 7E2. LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).(1) TOPOGRAPHY: ☐ ROLLING HILLS ☒ DISSECTED TOPOGRAPHY ☐ DESERT  
OR PLAINS ☒ STEEP CANYON SIDES ☒ NARROW CANYON FLOORS ☒ DEEP DRAINAGE  
IN AREA ☐ SURFACE WATER \_\_\_\_\_(2) VEGETATION: ☐ SAGEBRUSH ☐ PINION-JUNIPER ☒ PINE/FIR ☐ FARMLAND  
(CULTIVATED) ☒ NATIVE GRASSES ☐ OTHER \_\_\_\_\_

(3) WILDLIFE: ☒ DEER ☐ ANTELOPE ☒ ELK ☒ BEAR ☒ SMALL  
MAMMAL ☒ BIRDS ☐ ENDANGERED SPECIES ☐ OTHER \_\_\_\_\_

(4) LAND USE: ☒ RECREATION ☒ LIVESTOCK GRAZING ☐ AGRICULTURE  
☒ MINING ☐ INDUSTRIAL ☐ RESIDENTIAL ☒ OIL & GAS OPERATIONS

REF: BLM UMBRELLA EAR  
USFS EAR  
OTHER ENVIRONMENTAL ANALYSIS

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS AND SUPPORT TRAFFIC  
ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE  
DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND  
SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6)

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS. NO ALTERNATE LOCATION ON THIS LEASE WOULD JUSTIFY THIS ACTION.

3) LOCATION WAS MOVED \_\_\_\_\_ TO AVOID \_\_\_\_\_  
☐ LARGE SIDEHILL CUTS ☐ NATURAL DRAINAGE ☐ OTHER \_\_\_\_\_

4) LOCATION IS OK ALL CASING WILL BE NEW  
A PORTABLE TOILET WILL BE USED FOR HUMAN WASTE

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6) \_\_\_\_\_

6. DETERMINATION:

(THIS REQUESTED ACTION ~~DOES~~ (DOES NOT) CONSTITUTE A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE ENVIRONMENT IN THE SENSE OF NEPA, SECTION 102(2) (C).

DATE INSPECTED 9-7-77

INSPECTOR *John E. Evans*

*E. W. Sullivan*  
U. S. GEOLOGICAL SURVEY  
CONSERVATION DIVISION - OIL & GAS OPERATIONS  
SALT LAKE CITY DISTRICT

USUAL ENVIRONMENTAL ANALYSIS

Operator: Cordillera Corporation Well Name and No. 17 Clear Creek  
Location: 2331'FNL & 2088'FEL SWSWNE, Sec. 20, T. 14 S., R.7 E., SLM  
County: Emery State: Utah Lease No.: U-02353  
Field: Clear Creek Unit: Clear Creek Well Type: Development

Date Inspected: September 7, 1977

Inspector: John Dennis

Title: Petroleum Engineer Technician

Prepared by: Lynn E. Root 8/11/78

Environmental Scientist, Casper, Wyoming

Other Agencies or Representatives concurrence:

Ira Hatch U.S. Forest Service Yes

Fred Thompson - U.S. Forest Service Yes

Major Federal action under NEPA No

The following participated in a joint inspection of the proposed well-site and access road on September 7, 1977.

<u>Name</u>	<u>Representing</u>	<u>Title</u>	<u>Stationed In</u>
John Dennis	USGS	Petr. Engr. Tech.	Vernal, Utah
Ira Hatch	USFS	Dist. Ranger	Price, Utah
Fred Thompson	USFS	Geologist	Price, Utah
Barry Johnson	USFS	Forester	Price, Utah
Allen Thomas	Cordillera	Agent	Denver, Colo.

#### Proposed Action

On June 20, 1977, Cordillera Corporation filed an Application for Permit to Drill the No. 17 Clear Creek development well, a 7,000-foot gas test of the Dakota Formation of Cretaceous age; located at an elevation of 9,943 GR ft in the SWSWNE Sec. 20, T.14 S., R.7 E., SLM on Federal mineral lands and USGS surface; lease no. U-02353. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Freshwater sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The drilling operation would begin within 5 days upon approval of the A.P.D. and would be expected to last 3 weeks to reach total depth and complete the well for production if hydrocarbons are discovered.

A working agreement has been reached with the U.S. Forest Service, the controlling surface agency. A written agreement with Milton Oman has been reached for the use of Boarding House Canyon Road, which is a private road. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is attached.

#### Location and Natural Setting

The proposed drillsite is approximately 3-3/4 mi south of Clear Creek, Utah, the nearest town. The nearest dwellings are 3-3/4 mi north. A poor road runs to within 1/5 mi NNE of the location. This well is in the central portion of the Clear Creek Unit with the nearest producing well being 1-1/5 mi WSW. A dry hole was drilled about 1-1/2 mi NNW of the location.

The overall topography is highly dissected and rugged, consisting of narrow ridges and steep-sided canyons. The location is on a saddle on a narrow ridge. The site itself is nearly flat, sloping 5 degrees north to south.

The surface geology is Blackhawk shales and siltstones. The soil is moderately deep and is a dark brown loam-sandy loam. The subsurface loamy sand contains 20-35% gravel and cobble. No geologic hazards are known near the drill site. Seismic risk for the area is moderate. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan. No mining of any sort is anticipated in the area. The land is used primarily for wildlife and sheep grazing, camping and hunting. The climate is generally cool and damp with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis. The mean annual temperature of the area is 38°F with extremes ranging from -35°F to 90°F. The ground usually freezes to a depth of approximately 3-4 ft in the winter. This could lead to frost heaving and spring thaw problems with the facilities. Annual precipitation is 24-30 inches, primarily in the form of snow and summer thunderstorms. Winds are medium and steady, occurring predominately from west to east. Air mass inversions are rare.

The area eventually drains into Scofield Reservoir. The nearest permanent water is a spring 1/8 mi to the south. The nearest intermittent water are canyons on the west and east sides of the location. The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan.

Vegetation consists of slender wheat grass, Letterman needlegrass, mountain brome, melica, onion grass, western yarrow, serviceberry and sagebrush. On the south side of the location there is a stand of Englemann Spruce and Subalpine Fir. Just west of the location is a stand of Quaking Aspen. Mammalian wildlife in the area include elk, deer, bear, mountain lion, fox, coyote, bobcat, weasel, marmot, raccoon, badger, porcupine, skunk, rabbit, ground squirrels, tree squirrels (including flying squirrels), chipmunks, small gophers, and mice. There are numerous prairie and mountain birds in the general area, including the following: mountain game birds such as blue grouse and birds of prey such as owls, Golden eagles, and various types of hawks. Snakes, toads and small lizards are also present on a seasonal basis.

There are no known endangered or threatened plant species in the area. There are no known endangered animal species in the area. There are no known threatened animal species in the area.

As of this writing, no archaeological report has been received from the operator; no archaeological clearance from the Forest Service. There are no known historical, cultural or archaeological sites in the area.

There are no national parks, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location. The site is located in the Manti-LaSal National Forest. There are no state or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Price District Multiple Use Management Plan, a temporary land management plan. The final management plan for this area, the Ferron-Price Land Management Plan, will be completed in January. This Environmental Assessment Record was compiled by the U.S. Forest Service, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The plan is on file in the agency's State offices and is incorporated herein by reference.

#### Effects on the Environment by the Proposed Action

The wellpad would disturb approximately .9 acre. The new construction for access road would disturb approximately .4 acre. An estimated 6 ft cut and 7 ft fill would be necessary to level the pad area, resulting in about 3,495 cu. yds. of dirt work for the pad. The vegetation would be removed and minor relocation of wildlife in the immediate area, particularly small rodents, would be anticipated. If the test well results in a discovery of a gas pool, additional facilities would be needed requiring no additional surface. Construction of flowlines would disturb long, narrow strips of the surface for a short period of time.

The mud and reserve pits would contain all fluids used during the drilling operations. The potential for fluid spills, gas leaks and related accidents would be present. Should a spill occur, prompt action should prevent any permanent erosive damages. Should a gas leak occur, the effect on the atmosphere would be extremely short-lived. If the well should be productive, precautions would be taken against such accidents. Toxic or noxious gases would not be anticipated.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well.

Waterways would not be affected directly due to their distance from the site, about 12 mi. north.



Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

The animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby and inhabitants of the area but would not present a major intrusion. The site would be anomalous to the long-vista viewpoint.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment. The anticipated traffic would have a minimal impact on ranch and any recreational traffic and vehicular safety problems. Normal precautions would be employed to prevent damage or injury to ranch property and personnel. Aside from recreational activities such as hunting and camping, the only other human conflicts that would arise in normal useage of the area would be the gas operations. These would be minor, with planned precautions to limit such conflict.

The economic and environmental impact of a single well is normally somewhat negligible. But should this well discover a significant new hydrocarbon source, local, state and possibly national economic might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Alternatives to the Proposed Action

1. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S and Forest Service supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2. Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would increase the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected.

Adverse Environmental Effects which cannot be Avoided

Surface scars resulting from construction work, wellpad and the access road would be visible for the life of the project and for a period of time after abandonment while rehabilitation is completed. The disturbed areas would not be available for grazing and camping purposes during the project's life time. Minor relocation of wildlife, notably small rodents, in the immediate area would be anticipated. Some erosion would be anticipated with the removal of vegetative cover. Dust levels and exhaust pollutants would increase somewhat during the construction and drilling phases of the operation. Traffic hazards with ranch and recreational vehicles, though low, would be present. Noise levels would increase during construction and drilling. The potential for fluid spills, gas leaks and related accidents would be present. If hydrocarbons are discovered and produced, further gas development of the area would be expected to occur which would result in the extraction of an irreplaceable resource, and further negative environmental impacts.

Determination

This requested action does not constitute a major Federal Action significantly affecting the environment in the sense of NEPA, Section 102(2)(c).

ACTING District Engineer:  
Salt Lake City, Utah



STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date:

July 24-

Operator:

Cordillera Corp.

Well No:

Clear Creek Unit #17

Location:

Sec. 20 T. 14S

R. 7E

County:

Cuero

File Prepared

☒

Entered on N.I.D.

☒

Card Indexed

☒

Completion Sheet

☒

CHECKED BY:

Administrative Assistant

Remarks:

No other wells in Sec. 20 -

Petroleum Engineer

Remarks:

Director

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required

☒

Survey Plat Required

☐

Order No.

☐

Surface Casing Change  
to

☐

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site ☐

O.K. Rule C-3

☐

O.K. In

Clear Creek Unit

☒

Other:

☒ Letter written/Approved

**SHEPLER & THOMAS**  
OIL & GAS CONSULTANTS

P.O. Box 2164 Evergreen, Colorado 80439

303/674-3503

July 27, 1977

State of Utah  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Seherree Wilcox

Gentlemen:

In regard to Cordillera Corporation's application for Permit to Drill the Clear Creek Unit Well No. 17, we wish to request an exception to the spacing requirement for topographical reasons.

The Clear Creek Field is located in steep canyon country and surface locations can become very expensive and sometimes are impossible. Subject well is up out of the canyon and cannot reasonably be moved. The well has been located as near as practical to the center of the quarter section.

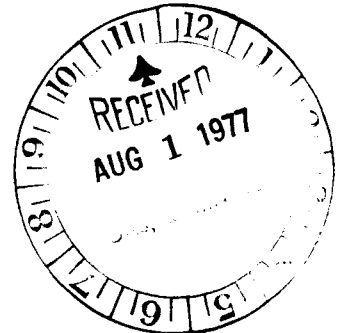
Your consideration of the topographic in approving this location is requested. If additional information is required, please advise.

Sincerely,

*James C. Shepler*  
James C. Shepler

JCS/mk

cc: Cordillera Corp.  
J. R. Boshard





SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART  
Chairman

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

August 10, 1978

Cordillera Corporation  
2334 East 3rd Avenue  
Denver, Colorado 80206

Re: Well No. Clear Creek Unit #17  
Sec. 20, T. 14S, R. 7E  
Emery County, Utah  
August 1977-June 1978

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, & MINING

Tammy Edge  
Typist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPL  
(Other instructions re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Clear Creek Unit

8. FARM OR LEASE NAME

Clear Creek

9. WELL NO.

17

10. FIELD AND POOL, OR WILDCAT

Field - Ferron

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 20, T14S, R7S, SLM

1.

OIL ☐ GAS ☐ OTHER ☒

2. NAME OF OPERATOR

Cordillera Corporation

3. ADDRESS OF OPERATOR

2334 East Third Avenue, Denver, CO 80206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

2331' FNL, 2088' FEL, Sec. 20

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

9943' GR

12. COUNTY OR PARISH

Emery

13. STATE

Utah

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) well status

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

## August 1978 Activity:

Moved in, rigged up Willard Pease Drilling Company Rig #2. Spudded 12 1/4" hole @ 10:30 a.m. August 28, 1978. Lost circulation @ 115', regained with LCM. Drilled to 321'. Surveys: 110' - 1°; 305' - 3/4°. Reamed hole to 17 1/2", ran 8 Jts. (317') 13 3/8" H-40 48# R-3 ST&C casing set @ 314'. Cemented as follows:

1. 200 Sx RFC & 100 Sx Reg w/2% CC, 1/2# Flo-seal/Sx and 3% salt - no return.
2. 100 Sx Type G, 2% CC, outside. No fillup.
3. WOC 6 hrs., 125 Sx Reg 3% CC. Cement to surface.

W.O.C. and nipping up.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNIT STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLIC  
(Other instructions o  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Cordillera Corporation

3. ADDRESS OF OPERATOR

2334 East Third Avenue, Denver, CO 80206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

2331' FNL, 2088' FEL, Sec. 20

7. UNIT AGREEMENT NAME

Clear Creek Unit

8. FARM OR LEASE NAME

Clear Creek

9. WELL NO.

17

10. FIELD AND POOL, OR WILDCAT

field - Ferron

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 20, R14S, R7E, SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

9943' GR

12. COUNTY OR PARISH

Emery

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) well status

REPAIRING WELL

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

September 1978 activity:

Rigged up BOP and tested blind and 3 1/2 pipe rams to 500 lbs. and held 30 min. Drilled 11" hole with air mist to 3060'. Ran 74 joints 8 5/8" 24# K-55 set @ 3015' and cemented with 600 Sx RFC and 100 Sx Reg. with 1% C.C. Drilled 7 7/8" to 3345' and lost returns. Sealed LC zone and stuck collars. Washing over collars.



18. I hereby certify that the foregoing is true and correct

SIGNED

Jack M. Lucey

TITLE

Engineer

DATE

10/11/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02353

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☐ GAS ☒ OTHER ☐  
WELL WELL

2. NAME OF OPERATOR

Cordillera Corporation

3. ADDRESS OF OPERATOR

2334 East Third Avenue, Denver, CO 80206

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

2331' FNL, 2088' FEL, Sec. 20

7. UNIT AGREEMENT NAME

Clear Creek Unit

8. FARM OR LEASE NAME

Clear Creek

9. WELL NO.

17

10. FIELD AND POOL, OR WILDCAT

Field - Ferron

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 20, T14S, R7E, SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

9943' GR

12. COUNTY OR PARISH

Emery

13. STATE

Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Temporarily Abandon ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.) \* October 1978 Activity: Rigged up aerated mud system, washed over collars,

drilled to 5433'. Ran 59 Jts (2513') 7" flush joint liner, set at 5348', cemented with 150 Sx. Stayed, cemented top of liner with 200 Sx Thickset and 100 Sx. reg. Drilled retainer, cement, and shoe. Drilled hole, drilled with air. Top of Ferron at 5584'. Had gas shows and then water. Water caused Mancos to cave in, could not keep hole clean to log. Temporarily abandoned: spotted 25 Sx plug on top of Mancos in bottom of 7" liner, as per Driscoll, Utah Oil, Gas & Mining. Installed 12" 2000# bonnet with 2" 2000# valve on 12" 900 casing head.

Operator released rig at midnight November 1, 1978. Operator's representative on loca-  
tion made arrangements with the dirt contractor, Castle Valley Construction, Price, Utah, to  
dress and fence the reserve pit and clean up the drillsite as much as possible until a more com-  
plete restoration could be undertaken in the spring. However, due to heavy snow, the dirt con-  
tractor was unable and continues to be unable to accomplish this work. The dirt contractor is  
coordinating with the Forest Service in Price in an effort to identify a time when this work can  
be done.

Operator is presently evaluating well data to ascertain feasibility of reentry at a later  
date. If a decision to reenter is made, operations would recommence about June 1, 1979, depending  
on this winter's snowpack and resulting soil conditions.

NOV 24 1978

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Engineer

DATE 11/22/78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:





SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771  
May 29, 1979

CHARLES R. HENDERSON  
Chairman

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

Cordillera Corporation  
2334 East Third Avenue  
Denver, Colorado 80206

Re: Well No. Clear Creek Unit #17  
Sec. 20, T. 14S, R. 7E  
Emery County, Utah

Gentlemen:

According to our records, the above mentioned well was temporarily abandoned in October, 1978. This letter is to advise you that the Well Completion or Recompletion Report and Log is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

If and when you desire to re-enter this hole, a new "Application for Permit to Drill, Deepen, or Plug Back" will be required.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

*Kathy Avila*

KATHY AVILA  
RECORDS CLERK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

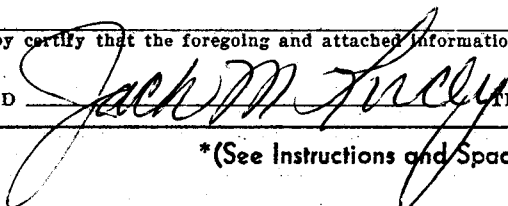
(See instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>			
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>	Temp. Abandon
2. NAME OF OPERATOR Cordillera Corporation								
3. ADDRESS OF OPERATOR 2334 East Third Avenue, Denver, CO 80206								
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 2331' FNL, 2088' FEL At top prod. interval reported below At total depth No surveys								
14. PERMIT NO. DATE ISSUED								
5. LEASE DESIGNATION AND SERIAL NO. U-02353								
6. IF INDIAN, ALLOTTEE OR TRIBE NAME								
7. UNIT AGREEMENT NAME Clear Creek Unit								
8. FARM OR LEASE NAME Clear Creek								
9. WELL NO. 17								
10. FIELD AND POOL, OR WILDCAT Field - Ferron								
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 20, T14S, R7E, SLM								
12. COUNTY OR PARISH Emery								
13. STATE Utah								
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD
8/28/78		10/31/78		10-31-78 n/a T.A. Oct-78		9,943' GR		
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS CABLE TOOLS
5493' MD		5,348' MD		n/a		→		X
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE
								no
26. TYPE ELECTRIC AND OTHER LOGS RUN unable to log								27. WAS WELL CORED
								no
28. CASING RECORD (Report all strings set in well)								
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD
13 3/8"		48		314'		17 1/2"		525 Sx
8 5/8"		24		3,015'		11"		700 Sx
29. LINER RECORD								
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)
7"		2,826		5,339		500		
Staged 300								
30. TUBING RECORD								
SIZE		DEPTH SET (MD)		PACKER SET (MD)				
31. PERFORATION RECORD (Interval, size and number)								
none								
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED				
33.* PRODUCTION								
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
						→		
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)		
				→				
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								TEST WITNESSED BY
35. LIST OF ATTACHMENTS								

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED



TITLE

Engineer

DATE

6/5/79

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Ferron	5,584' Sample	



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 23, 1982

Cordillera Corporation  
2334 East Third Avenue  
Denver, Colorado 80206

Re: Well NO. Clear Creek #17  
Sec. 20, T. 14S, R. 7E.  
Emery County, Utah

Gentlemen:

The above referred to well has been under a temporarily abandoned status for six months or longer. Please inform this office of the current status of this well location and send in the necessary required papers.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

Ed Jones  
called 4-30-82  
Still TA.

# CORDILLERA CORPORATION

2334 EAST THIRD AVENUE • DENVER, COLORADO 80206 • (303) 355-3535

April 30, 1982

Ms. Cari Furse  
State of Utah Natural Resources & Energy  
Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

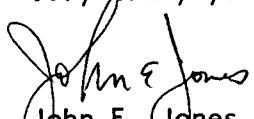
RE: Well No. Clear Creek #17  
Sec. 20, T14S, R7E  
Emery County, UT

Dear Ms. Furse:

In response to your letter of April 23, 1982 please be advised that the above referenced well is continuing in a "temporarily abandoned" status. Our present plans are to reenter this well the next time we have a rig in that vicinity for the purpose of drilling an additional well.

If you should desire additional information regarding this matter, please do not hesitate to contact me.

Very truly yours,

  
John E. Jones  
Vice President  
Finance & Real Estate

JEJ:ip

**RECEIVED**  
MAY 03 1982

DIVISION OF  
OIL, GAS & MINING



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 22, 1983

Cordillera Corporation  
2334 East Third Avenue  
Denver, Colorado 80206

Re: Well No. Clear Creek # 17  
Sec. 20, T. 14S, R. 7E.  
Emery County, Utah

Gentlemen:

The above referred to well has been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if it is still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

Thank you for your prompt attention to the above submittal.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf  
Enclosure



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 21, 1983

Cordillera Corporation  
2334 East Third Avenue  
Denver, Colorado 80206

Re: Well No. Clear Creek # 17  
2331' FNL, 2088' FEL  
SW NE, Sec. 20, T. 14S, R. 7E.  
Emery County, Utah

Gentlemen:

The above referred to well has been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if it is still temporarily abandoned, submitted on a Sundry Notice (Form OGC-1B, enclosed).

If this well has been completed as producing, shut-in, injection, gas storage or plugged and abandoned, please submit a Well Completion Form (OGC-3), stating the procedure of the completed operations.

Thank you for your prompt submittal to the above requested matter.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf  
Enclosures



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 10, 1985

Cordillera Corporation  
2334 East Third Avenue  
Denver, Colorado 80206

Gentlemen:

Re: Well No. Clear Creek #17 - Sec. 20, T. 14S., R. 7E.  
Emery County, Utah - API #43-047-30255  
43-015-30053

The above referred to well has been under a temporarily abandoned status for six months or longer. Please inform this office of the current status on the enclosed Form OGC-1b, "Sundry Notices and Reports on Wells".

Thank you for your prompt attention to the above matter.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
0017S/14



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

RECEIVED  
SEP 12 1991

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐  
2. NAME OF OPERATOR  
Cordillera Corporation  
3. ADDRESS OF OPERATOR  
5031 S. Ulster Pkwy, Suite 410, Denver, CO 80237  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
SW/4 of NE/4. SEC 32; T14S; R7E  
SLB & M

5. LEASE DESIGNATION AND SERIAL NO.  
U-02353  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
Clear Creek  
8. FARM OR LEASE NAME  
Clear Creek Unit  
9. WELL NO.  
17  
10. FIELD AND POOL, OR WILDCAT  
Clear Creek  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC 32; T14S; R7E  
SLB & M  
12. COUNTY OR PARISH  
Emery  
13. STATE  
Utah

14. PERMIT NO.  
93-015-30053  
15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input checked="" type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Well never produced. T.A. drilling operations.  
Bottom plug set.  
Set plug from top of liner 2625 - 2900 w/50 sx.  
Found 7" pipe to surface.  
Set surface plug w/50 sx. Surface to 275'.  
Clear concrete cellar.  
Plug rat hole.  
Set permanent marker flush with surface.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 9/17/91  
BY: J. Matthews

18. I hereby certify that the foregoing is true and correct

SIGNED: Harry P. McClintock TITLE: Consultant DATE: 8/27/87  
(This space for Federal or State office use)  
APPROVED BY: W.C. Hanger TITLE: District Manager (Acting) DATE: 2/15/89  
CONDITIONS OF APPROVAL, IF ANY  
CONDITIONS OF APPROVAL ATTACHED

BW  
2/14/89

\*See Instructions on Reverse Side

Cordillera Corporation  
Well No. Clear Creek Unit 17  
Sec. 32, T. 14 S., R. 7 E.  
Emery County, Utah  
Lease U-02353

RECEIVED

SEP 12 1991

DIVISION OF  
OIL GAS & MINING

CONDITIONS OF APPROVAL

Section V. of Onshore Oil and Gas Order No. 1 requires that operators submit three, separate Sundry Notices (Form 3160-5) in relation to the plugging and abandonment of any jurisdictional well, i.e., a Notice of Intent to Abandon (NIA) as a precursor to the commencement of actual abandonment operations or as a written confirmation of an orally prescribed abandonment program; a Subsequent Report of Abandonment (SRA) reflecting the actual downhole abandonment operations performed, which is to be submitted within 30 days of completing those operations; and, a notice from the operator that the required surface reclamation requirements have been completed and, thus, the site is now ready for inspection. Section V. also states that "Final abandonment shall not be approved until the surface reclamation work required by the approved drilling permit or approved abandonment notice (NIA) has been completed to the satisfaction of the Price River Resource Area.

Accordingly, final approval of an abandoned well has two components:

- 1) Satisfactory completion of the approved downhole plugging plan.
- 2) Satisfactory reclamation of the site.

You will therefore be required to submit a Final Abandonment Notice (Sundry Notice - Form 3160-5) when vegetative reclamation is complete. You will not be released from bond liability on this location until such final abandonment has been approved by the Moab District Office.